

Title: Can transcranial magnetic stimulation alter motor function in autism and Asperger's disorder?	
Institution	Monash University
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Outline of Research	Movement abnormalities are a striking feature throughout the developmental trajectory of autism and Asperger's disorder. Transcranial magnetic stimulation (TMS) is a safe and non-invasive means of stimulating nerve cells in superficial areas of the brain. TMS can be used to investigate motor activity and is increasingly used as a therapeutic technique in psychiatric disorders. This project investigates whether low-frequency TMS, when applied to parts of the brain that control movement, can alter motor function and improve clinical symptoms in 14-16 year-olds with high-functioning autism and Asperger's disorder.
Findings to date	N/A
Expected start and finish dates	February 2006-February 2009